8/21/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JUNE, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: August 14, 1987

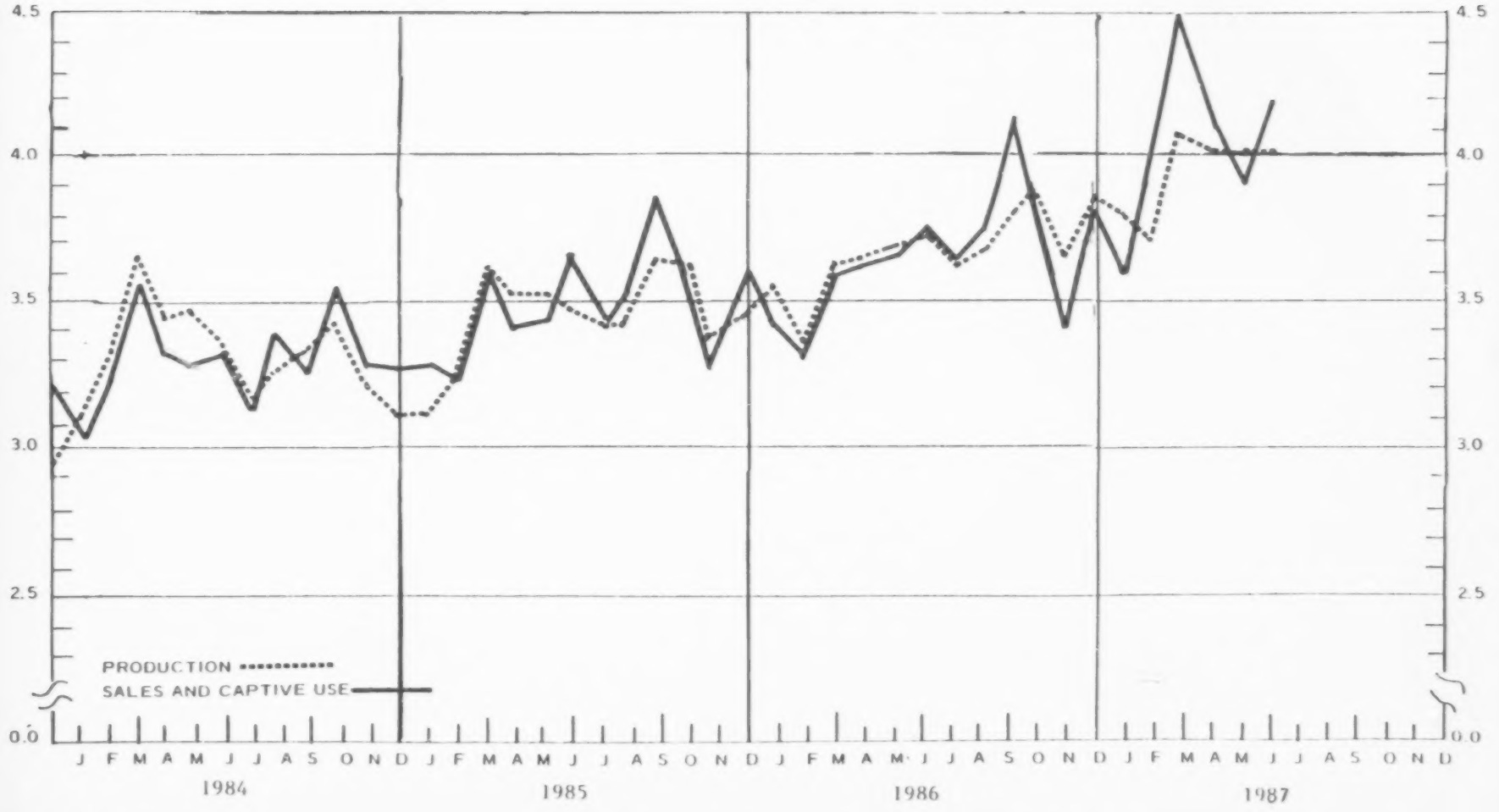
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JUNE 1987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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JUNE 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	40,717	31,212	+30.5	212,223R	191,320	+10.9	41,264	38,792	+ 6.6	211,640	197,614	+ 7.1
POLYESTER (UNSATURATED) RESINS, TOTAL	126,523	113,440	+11.5	693,376	649,274	+ 6.8	127,259	114,211	+11.4	692,743	650,672	+ 6.5
UREA RESINS, TOTAL	118,350	111,571	+ 6.1	678,120	621,871	+ 9.0	120,357	111,612	+ 7.8	687,666	625,218	+10.0
MELAMINE RESINS, TOTAL	16,765	15,933	+ 5.2	99,867	94,748	+ 5.4	18,618	14,182	+31.3	105,494	88,713	+18.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254,523	234,091	+ 8.7	1,421,420	1,378,702	+ 3.1	251,461	233,586	+ 7.7	1,411,496	1,356,813	+ 4.0
THERMOSETTING RESINS, TOTAL	556,878	506,247	+10.0	3,105,006R	2,935,915	+ 5.8	558,959	512,293	+ 9.1	3,109,039	2,919,030	+ 6.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	860,704	739,335	+16.4	4,813,652	4,207,146	+14.4	781,439	737,209	+ 6.0	4,727,702	4,446,096	+ 6.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	667,136	618,874	+ 7.8	3,933,044	3,352,674	+17.3	635,638	584,525	+ 8.7	3,784,025	3,483,924	+ 8.6
POLYPROPYLENE, TOTAL	566,265	480,464	+17.9	3,214,001	2,770,600	+16.0	532,072	463,694	+14.7	3,128,932	2,824,597	+10.8
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	114,190	88,755	+28.7	617,145	528,350	+16.8	110,514	86,095	+28.4	589,403	539,749	+ 9.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,923	5,653	+75.5	55,563	39,187	+41.8	9,868	6,369	+54.9	63,699	43,485	+46.5
POLYSTYRENE RESINS, TOTAL	400,590	401,066	- 0.1	2,489,978	2,204,122	+13.0	367,405	380,481	- 3.4	2,359,321	2,139,800	+10.3
STYRENE BASED LATEXES, TOTAL **	79,559	72,535	+ 9.7	480,410R	421,757	+13.9	80,656	71,515	+12.8	453,824	400,318	+13.4
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,811	25,883	- 8.0	136,422	139,768	- 2.4	24,965	26,473	- 5.7	133,634	134,210	- 0.4
NYLON RESINS, TOTAL	44,904	35,553	+26.3	254,073	225,435	+12.7	41,588	37,421	+11.1	253,974	236,712	+ 7.3
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	693,774	620,473	+11.8	3,937,133R	3,632,334	+ 8.4	669,205	607,580	+10.1	3,847,580	3,561,083	+ 8.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4	* 62,391	* 58,933	+ 5.9	* 359,699	* 354,617	+ 1.4
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	15,333	16,168	- 5.2	100,329	96,748	+ 3.7	18,856	16,969	+11.1	108,715	103,929	+ 4.6
THERMOPLASTIC POLYESTER, TOTAL	129,826	95,130	+36.5	667,172	552,394	+20.8	131,954	97,621	+35.2	683,907	556,320	+22.9
THERMOPLASTIC RESINS, TOTAL	3,668,406	3,258,822	+12.6	21,058,621R	18,525,132	+13.7	3,466,551	3,174,885	+ 9.2	20,494,415	18,824,840	+ 8.9
GRAND TOTAL	4,225,284	3,765,069	+12.2	24,163,627R	21,461,047	+12.6	4,025,510	3,687,178	+ 9.2	23,603,454	21,743,870	+ 8.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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R = Revision

D = Disclosure

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	40,717	31,212	+ 30.5	212,223R	191,320	+ 10.9	41,264	38,702	+ 6.6	211,640	197,614	+ 7.1
Total Exports	7,214	2,539	+184.1	38,644R	26,426	+ 46.2						
Captive Use, Total	1,310	954	+ 37.3	6,560	6,603	- 0.7						
Domestic Sales, Total	32,193	27,719	+ 16.1	167,019	158,291	+ 5.5						
Domestic Sales & Captive Use, Total	33,503	28,673	+ 16.8	173,579	164,894	+ 5.3						
Bonding & Adhesives	2,371	1,501	+ 58.0	10,873	9,917	+ 9.6						
Flooring, Paving & Exposed Aggregate	2,187	1,809	+ 20.9	10,392	9,686	+ 7.3						
Protective Coatings	17,543	14,412	+ 21.7	87,354	82,205	+ 6.3						
Fiber Reinforced Laminates & Composites, Total	6,195	6,073	+ 2.0	36,671	36,843	- 0.5						
FRL&C for Printed Wiring Board	4,262	4,409	- 3.3	26,245	24,926	+ 5.3						
All Other FRL&C	1,933	1,664	+ 16.2	10,426	11,917	- 12.5						
Tooling, Casting & Molding Resins	1,930	1,883	+ 2.5	11,910	11,678	+ 2.0						
All Other Uses	3,277	2,995	+ 9.4	16,379	14,565	+ 12.5						
POLYESTER (UNSATURATED) RESINS, TOTAL	126,523	113,440	+ 11.5	693,376	649,274	+ 6.8	127,259	114,211	+ 11.4	692,743	650,672	+ 6.5
Total Exports	762	867	- 12.1	3,926	4,979	- 21.1						
Total Domestic	125,761	112,573	+ 11.7	689,450	644,295	+ 7.0						
General Purpose Resins, Total	108,508	96,969	+ 11.9	600,379	558,241	+ 7.5						
General Purpose – Thixotropic	47,305	41,368	+ 14.4	269,803	244,139	+ 10.5						
General Purpose – Press Molding	12,557	11,496	+ 9.2	76,518	82,130	- 6.8						
General Purpose – All Other	48,646	44,105	+ 10.3	254,058	231,972	+ 9.5						
Flame Retardant Resins	2,744	2,355	+ 16.5	13,881	12,818	+ 8.3						
Chemical Resistant Resins	14,509	13,249	+ 9.5	75,190	73,236	+ 2.7						
Chemical Resistant Isophthalic Resins	10,859	10,733	+ 1.2	58,578	59,245	- 1.1						
All Other Chemical Resistant Resins	3,650	2,516	+ 45.1	16,612	13,991	+ 18.7						
Reinforced Plastics, Total	97,534	84,129	+ 15.9	527,219	490,003	+ 7.6						
Non-Reinforced Plastics, Total	28,227	28,444	- 0.8	162,231	154,292	+ 5.1						

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	118,350	111,571	+ 6.1	678,120	621,871	+ 9.0	120,357	111,612	+ 7.8	687,666	625,218	+10.0
MELAMINE RESINS, TOTAL	16,765	15,933	+ 5.2	99,867	94,748	+ 5.4	18,618	14,182	+31.3	105,494	88,713	+18.9
UREA & MELAMINE RESINS, TOTAL	135,115	127,504	+ 6.0	777,987	716,619	+ 8.6	138,975	125,794	+10.5	793,160	713,931	+11.1
Total Exports	D	D		D	D							
Total Domestic*	135,115	127,504	+ 6.0	777,987	716,619	+ 8.6						
Textile Treating & Coating Resins	1,787	1,679	+ 6.4	12,303	9,813	+25.4	2,440	2,151	+13.4	14,341	13,160	+ 9.0
Paper Treating & Coating Resins	7,804	8,928	-12.6	46,287	50,146	- 7.7	7,879	9,009	-12.5	46,905	50,671	- 7.4
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	106,939	100,383	+ 6.5	607,472	553,655	+ 9.7	107,200	99,420	+ 7.8	606,826	550,994	+10.1
Laminating	4,221	3,715	+13.6	24,916	21,374	+16.6	4,195	3,198	+31.2	24,008	20,051	+19.7
Plywood	5,644	5,330	+ 5.9	32,958	29,423	+12.0	5,730	5,448	+ 5.2	33,317	29,709	+12.1
Fibrous & Granulated Wood (Particle Board)	97,074	91,338	+ 6.3	549,598	502,858	+ 9.3	97,275	90,774	+ 7.2	549,501	501,234	+ 9.6
Protective Coatings (Straight & Modified)	9,293	8,372	+11.0	55,620	52,414	+ 6.1	11,824	8,433	+40.2	73,804	53,514	+37.9
All Other Uses (Includes Molding Compounds, and Exports)	9,292	8,142	+14.1	56,305	50,591	+11.3	9,632	6,781	+42.0	51,284	45,592	+12.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254,523	234,091	+ 8.7	1,421,420	1,378,702	+ 3.1	251,461	233,586	+ 7.7	1,411,496	1,356,813	+ 4.0
Total Exports	1,719	1,339	+28.4	9,602	7,288	+31.8						
Total Domestic	252,804	232,752	+ 8.6	1,411,818	1,371,414	+ 2.9						
Molding Compounds	17,854	16,377	+ 9.0	104,167	104,459	- 0.3	19,487	19,029	+ 2.4	111,687	110,846	+ 0.8
Bonding & Adhesive Resins for:	228,152	212,802	+ 7.2	1,267,024	1,246,341	+ 1.7	224,549	210,619	+ 6.6	1,257,843	1,224,206	+ 2.7
Laminating	19,040	16,925	+12.5	98,763	103,229	- 4.3	15,630	14,079	+11.0	88,323	85,947	+ 2.8
Coated & Bonded Abrasives	1,580	1,806	-12.5	9,390	9,586	- 2.0	1,589	1,815	-12.5	9,441	9,624	- 1.9
Friction Materials	3,465	2,384	+45.3	17,281	14,772	+17.0	3,367	2,626	+28.2	16,664	14,771	+12.8
Insulation Materials	36,490	33,512	+ 8.9	200,387	206,841	- 3.1	36,595	33,922	+ 7.9	201,072	199,876	+ 0.6
Foundry & Shell Molding	3,959	3,862	+ 2.5	22,348	22,517	- 0.8	3,917	3,667	+ 6.8	22,204	22,256	- 0.2
Plywood	138,514	125,322	+10.5	772,854	710,925	+ 8.7	138,302	125,128	+10.5	774,160	711,367	+ 8.8
Fibrous & Granulated Wood	20,579	20,035	+ 2.7	120,218	127,697	- 5.9	20,638	19,948	+ 3.5	119,923	128,674	- 6.8
Resins Sold to Rubber Industry	1,576	3,344	-52.9	8,601	15,708	-45.2	1,628	3,565	-54.3	8,823	16,101	-45.2
All Other	2,949	5,612	-47.5	17,182	35,066	-51.0	2,883	5,869	-50.9	17,233	35,590	-51.6
Protective Coatings - Unmodified & Modified	2,046	1,876	+ 9.1	12,171	11,008	+10.6	2,050	1,882	+ 8.9	12,222	10,889	+12.2
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,752	1,697	+180.0	28,456	9,606	+196.2	5,375	2,056	+161.4	29,744	10,872	+173.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	860,704	739,335	+16.4	4,813,652	4,207,146	+14.4	781,439	737,209	+ 6.0	4,727,702	4,446,096	+ 6.3
Total Exports	87,884	84,329	+ 4.2	509,957	459,971	+10.9						
Total Domestic	772,820	655,006	+18.0	4,303,695	3,747,175	+14.9						
Film (12 Mils & Below)	480,279	399,061	+20.4	2,614,394R	2,228,717	+17.3						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	57,217	47,541	+20.4	341,648R	286,076	+19.4						
Wire & Cable	30,127	26,028	+15.7	175,410R	166,844	+ 5.1						
Extrusion Coating	61,110	54,241	+12.7	400,430R	333,191	+20.2						
Blow Molding	6,211	3,758	+65.3	25,058	21,191	+18.2						
Pipe & Conduit, Total	4,243	2,689	+57.8	16,383	17,073	- 4.0						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	13,347	8,839	+51.0	68,018R	56,235	+21.0						
Resellers & Compounders	51,539	56,930	- 9.5	297,236R	294,365	+ 1.0						
All Other Uses	68,747	55,919	+22.9	365,118R	343,483	+ 6.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	667,136	618,874	+ 7.8	3,933,044	3,352,674	+17.3	635,638	584,525	+ 8.7	3,784,025	3,483,924	+ 8.6
Total Exports	65,681	96,838	-32.2	446,538	449,921	- 0.8						
Total Domestic	601,455	522,036	+15.2	3,486,506	2,902,753	+20.1						
Film (12 Mils & Below)	53,586	39,205	+36.7	285,958	226,667	+26.2						
Sheet (Over 12 Mils)	18,153	13,646	+33.0	111,354	83,151	+33.9						
Injection Molding	160,669	141,092	+13.9	891,183	732,663	+21.6						
Wire & Cable	9,383	8,015	+17.1	62,643	60,030	+ 4.4						
Extrusion Coating	D	D		D	D							
Blow Molding	227,879	194,965	+16.9	1,352,864	1,135,857	+19.1						
Pipe & Conduit, Total	60,101	41,230	+45.8	294,449	212,640	+38.5						
Corrugated Pipe & Conduit	13,527	12,488	+ 8.3	80,661	72,800	+10.8						
Non-Corrugated Pipe & Conduit	46,574	28,742	+62.0	213,788	139,840	+52.9						
Other Extruded Products	5,614	3,757	+49.4	27,356	22,865	+19.6						
Resellers & Compounders	40,998	48,483	-15.4	274,384	256,920	+ 6.8						
All Other Uses	25,072	31,643	-20.8	186,315	171,960	+ 8.3						

(2) = Included in Other Extruded Products
(3) = Included in Film

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D = Disclosure
R = Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	566,265	480,464	+17.9	3,214,001	2,770,600	+16.0	532,072	463,694	+14.7	3,128,932	2,824,597	+10.8
Total Exports	90,737	104,608	-13.3	596,795	515,824	+15.7						
Total Domestic	475,528	375,856	+26.5	2,617,206	2,254,776	+16.1						
Injection Molding	138,846	95,722	+45.1	783,415	641,569	+22.1						
Appliances	12,499	9,775	+27.9	73,909	64,069	+15.4						
Consumer Products	36,666	21,437	+71.0	199,917	158,413	+26.2						
Rigid Packaging	45,654	31,433	+45.2	247,153	219,890	+12.4						
Transportation	27,107	24,032	+12.8	160,070	147,019	+8.9						
All Other Injection Molding	16,920	9,045	+87.1	102,366	52,178	+96.2						
Blow Molding	10,697	8,731	+22.5	59,913	52,432	+14.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	52,762	41,815	+26.2	270,924	253,337	+6.9						
Sheet (Over 10 Mils)	6,690	3,530	+89.5	39,997	17,756	+125.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	148,790	120,670	+23.3	839,830	701,830	+19.7						
Textile Applications	141,819	110,730	+28.1	794,858	645,480	+23.1						
Non-Textile Monofilaments	6,971	9,940	-29.9	44,972	56,350	-20.2						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	13,206	6,061	+117.9	63,041	43,661	+44.4						
Resellers & Compounders	95,883	84,932	+12.9	532,885	472,377	+12.8						
All Other Uses	8,654	14,395	-39.9	27,201	71,814	-62.1						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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D = Disclosure

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

June 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	June			YEAR-TO-DATE			June			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	114,190	88,755	+ 28.7	617,145	528,350	+ 16.8	110,514	86,095	+ 28.4	589,401	539,749	+ 9.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,923	5,653	+ 75.5	55,563	39,187	+ 41.8	9,868	6,369	+ 54.9	63,699	43,485	+ 46.5
Total Exports	1,788	374	+378.1	10,979	3,554	+208.9						
Total Domestic	8,135	5,279	+ 54.1	44,584	35,633	+ 25.1						
POLYSTYRENE RESINS, TOTAL	400,590	401,066	- 0.1	2,489,978	2,204,122	+ 13.0	367,405	380,481	- 3.4	2,359,321	2,139,800	+ 10.3
Straight Polystyrene	205,813	210,260	- 2.1	1,319,158	1,139,320	+ 15.8	196,712	206,266	- 4.6	1,253,003	1,132,006	+ 10.7
Rubber-Modified Polystyrene	194,777	190,806	+ 2.1	1,170,820	1,064,802	+ 10.0	170,693	174,275	- 2.1	1,106,318	1,007,794	+ 9.8
Total Exports	8,395	8,570	- 2.0	57,278	54,185	+ 5.7						
Straight Polystyrene	4,583	6,855	- 33.1	39,884	33,051	+ 20.7						
Rubber-Modified Polystyrene	3,812	1,715	+122.3	17,394	21,134	- 17.7						
Total Domestic	392,195	392,496	- 0.0	2,432,700	2,149,937	+ 13.2						
Molding	160,725	137,952	+ 16.5	937,380	765,603	+ 22.4						
Extrusion	176,402	174,190	+ 1.3	1,089,016	963,206	+ 13.1						
Expandable Polystyrene Beads	35,046	45,624	- 23.2	265,768	235,094	+ 13.0						
All Other Uses	20,022	34,725	- 42.3	140,536	186,034	- 24.5						
Polystyrene End Uses, Total**	392,195	392,496	- 0.0	2,432,700	2,149,937	+ 13.2						
Packaging	112,581	105,045	+ 7.2	653,803	521,542	+ 25.4						
Disposables	65,498	51,719	+ 26.6	389,460	276,949	+ 40.6						
Consumer and Institutional Products	65,770	56,123	+ 17.2	395,737	282,629	+ 40.0						
Electrical/Electronics	44,798	35,275	+ 27.0	249,273	192,716	+ 29.3						
Furniture, Furnishings, Building & Construction	13,098	22,954	- 42.9	119,122	108,880	+ 9.4						
Expandable Polystyrene Beads	35,046	45,624	- 23.2	265,768	235,094	+ 13.0						
Resellers and Compounders	31,008	41,132	- 24.6	211,830	241,946	- 12.4						
All Other End Uses	24,396	34,624	- 29.5	147,707	290,181	- 49.1						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	79,559	72,535	+9.7	480,410R	421,757	+13.9	80,656	71,515	+12.8	453,824	400,318	+13.4
Paper Treating	2,711	5,201	-47.9	25,900	27,002	-4.1						
Textile Treating	1,472	1,750	-15.9	5,717R	9,810	-41.7						
Carpet Backing	30,041	26,365	+13.9	185,291R	149,792	+23.7						
All Other Uses (Including Exports & Paper Coating)	45,335	39,219	+15.6	263,502	235,153	+12.1						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,811	25,883	-8.0	136,422	139,768	-2.4	24,965	26,473	-5.7	133,634	134,210	-0.4
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	44,904	35,553	+26.3	254,073	225,435	+12.7	41,588	37,421	+11.1	253,974	236,212	+7.3
Total Exports	4,785	3,520	+35.9	28,487	18,434	+54.5						
Total Domestic	40,119	32,033	+25.2	225,586	207,001	+9.0						
Injection Molding Grade	25,846	21,273	+21.5	140,579	139,141	+1.0						
Extrusion Grade	10,408	9,415	+10.5	63,887	56,082	+13.9						
Resellers and Compounders	2,922	931	+213.9	14,644	8,239	+77.7						
All Other Uses	943	414	+127.8	6,476	3,539	+83.0						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian produced material.

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D = Disclosure
R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	693,774	620,473	+ 11.8	4,937,133R	3,632,334	+ 8.4	669,205	607,580	+ 10.1	3,847,580	3,561,083	+ 8.0
Homopolymer Resins Including Blending & Latex	637,130	567,175	+ 12.3	4,623,078R	3,327,722	+ 8.9	613,022	552,667	+ 10.9	3,542,091	3,259,117	+ 8.7
Copolymer Resins Including Blending & Latex	17,185	19,205	- 10.5	90,185	106,820	- 15.6	18,263	21,957	- 16.8	92,511	103,566	- 10.7
Dispersion Resins	39,459	34,093	+ 15.7	223,870	197,792	+ 13.2	37,920	32,956	+ 15.1	212,978	198,400	+ 7.3
Total Exports	42,577	30,162	+ 40.2	210,793	164,759	+ 27.9						
Total Domestic	651,197	590,111	+ 10.4	4,726,340R	3,467,575	+ 7.5						
Calendering, Total	65,078	66,616	- 2.3	356,519	376,431	- 5.3						
Flooring	13,791	15,067	- 8.5	72,370	86,953	- 16.8						
Textile	9,019	5,659	+ 59.4	52,031	37,730	+ 37.9						
All Other Calendering Uses	42,268	45,890	- 7.9	232,118	251,748	- 7.8						
Coating, Total	31,703	28,976	+ 9.4	181,336	158,651	+ 14.3						
Flooring	13,844	13,383	+ 3.4	79,374	67,813	+ 17.0						
Textile & Paper Coating	9,944	8,428	+ 18.0	53,628	48,057	+ 11.6						
Protective Coatings	3,969	3,416	+ 16.2	24,674	23,264	+ 6.1						
Adhesives & All Other Coating Uses	3,946	3,749	+ 5.3	23,660	19,517	+ 21.2						
Extrusion, Total	452,048	404,562	+ 11.7	2,604,048	2,388,918	+ 9.0						
Wire & Cable	39,019	31,481	+ 23.9	223,787	215,313	+ 3.9						
Film & Sheet, Packaging	26,566	18,814	+ 41.2	135,506	127,966	+ 5.9						
Film & Sheet, Non-Packaging	4,947	N/A		25,221	N/A							
Siding & Siding Accessories & Mobile Home Skirts	52,513	50,891	+ 3.2	303,926	269,862	+ 12.6						
Rigid Pipe & Tubing (Except Fittings)	290,408	268,222	+ 8.3	1,660,559	1,504,335	+ 10.4						
All Other Extrusions	38,595	35,154	+ 9.8	255,049	271,442	- 6.0						
Molding, Total	43,230	43,488	- 0.6	246,861R	258,068	- 4.3						
Bottles	12,961	18,169	- 28.7	85,750	103,308	- 17.0						
Fittings (Rigid Pipe & Tubing)	15,405	11,094	+ 38.9	73,045	73,252	- 0.3						
All Other Molding	14,864	14,225	+ 4.5	88,066R	81,508	+ 8.0						
Paste Processes (Except Coating)	14,910	12,813	+ 16.4	82,982	80,247	+ 3.4						
Plastisol Formulation	7,732	5,957	+ 29.8	43,847	39,794	+ 10.2						
All Other	7,178	6,856	+ 4.7	39,135	40,453	- 3.3						
Resellers & Compounders	29,408	26,684	+ 10.2	177,226	138,340	+ 28.1						
All Other Uses	14,820	6,972	+112.6	77,368	66,920	+ 15.6						

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4
Total Exports	784	166	+372.3	3,843	2,490	+ 54.3						
Total Domestic	61,607	58,767	+ 4.8	355,856	352,127	+ 1.1						
Emulsion Paints	21,071	21,500	- 2.0	122,236	123,566	- 1.1						
Adhesives, Caulks and Sealants	21,577	22,006	- 1.9	127,185	129,809	- 2.0						
Paper Treating & Paper Coating	11,066	8,029	+ 37.8	59,836	53,706	+ 11.4						
Textile Treating	3,095	2,535	+ 22.1	16,103	16,592	- 2.9						
Non-Woven Binders	D	D		D	D							
All Other Uses	4,798	4,697	+ 2.2	30,496	28,454	+ 7.2						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	15,333	16,168	- 5.2	100,329	96,748	+ 3.7	18,856	16,969	+ 11.1	108,715	103,929	+ 4.6
Total Exports	5,181	4,170	+ 24.2	33,095	25,747	+ 28.5						
Total Domestic	10,152	11,998	- 15.4	67,234	71,001	- 5.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	129,826	95,130	+ 36.5	667,172	552,394	+ 20.8	131,954	97,621	+ 35.2	683,907	556,320	+ 22.9
Total Exports	21,354	11,045	+ 93.3	91,405	75,575	+ 20.9						
Total Domestic	108,472	84,085	+ 29.0	575,767	476,819	+ 20.8						
PET Bottle Grades	69,628	59,944	+ 16.2	410,235	337,523	+ 21.5						
All Other Thermoplastic Polyester**	38,844	24,141	+ 60.9	165,532	139,296	+ 18.8						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	**CODE**
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

SECOND QUARTER 1987

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	URFA	MELA	PHEN	LDPE	HDPE	PP	ARS	SAN	PS	OSBRL	OTHER SP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN-CHEMICAL COMPANY			PD	PD	PDE										PDE				
BORG WARNER CHEMICALS, INC.									PDE	PD									
CAIN CHEMICAL COMPANY							PDE												
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	URFA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBR II	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY										PD									PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

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SECTION I

MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	URFA	MFLA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SOLUBLE	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

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MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBR LI	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

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MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	URFA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBALL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	17	14	12	23	10	13	11	4	5	13	8	9	12	11	12	2	7	8